

1. Data selection
 - How many waves
 - How many variables and sample size
 - Data quality(missing value, data accuracy)
 - Train test split
2. Data cleaning & preprocessing
 - Duplicated samples
 - Missing value imputation
 - Data transformation
 - Normalization
3. Imbalanced problem
 - Up-sampling
 - Down-sampling
 - SMOTE(Synthetic Minority Over-sampling Technique)
4. Model comparison
 - Classification ML model selection
 - Model training(Cross-validation)
 - Hyper-parameter tuning
5. Model evaluation
 - Evaluation metrics (ACC,AUC)
 - unseen data prediction
6. Feature importance
 - List feature importance from tree-based model to create efficient data collection channels
7. Some Limitations might be concerned
 - Insufficient data
 - Inconsistency depression ratio among different age range(depression ratio might be higher in a certain age range than others)
 - Improper risk factors (such as financial crisis, might only be relevant to adult populations but not for all the people who were 18 years and older)